

## FMCA2779-50CM DATA SHEET

# SMA Male to Reverse Polarity SMA Male Cable in 50 CM Length Using RG223 Coax

The SMA male to RP SMA male cable using RG223 coax, part number FMCA2779-50CM, from Fairview Microwave is in-stock and ships same day. This Fairview SMA to reverse polarity SMA cable assembly has a male to male gender configuration with 50 ohm flexible RG223 coax. Fairview Microwave's flexible RF cable assemblies are ideal for applications where tight bends and continual flexure are required. The double shielding of this Fairview cable assembly provides excellent shielding effectiveness.

Custom versions of most RF cable assemblies can be built and shipped same day. Custom cable assembly lengths can be obtained by specifying the desired length on the web site at time of order or by contacting a sales representative. Other RF cable assembly value added services including connector orientation or clocking, heat shrink booting and labeling are also available. RF testing can also be performed to document the electrical performance of your cable assembly.

### **Electrical Specifications**

Description	Min	Тур	Max	Units
Velocity of Propagation		66		%
Capacitance		30.8 [101.0	5]	pF/ft [pF/m]

#### **Mechanical Specifications**

#### **Cable Assembly**

 Length\*
 19.68 in [499.87 mm]

 Weight
 0.0859 lbs [38.96 g]

#### Cable

Cable Type
Impedance
Inner Conductor Type
Inner Conductor Material and Plating
Dielectric Type
Number of Shields
Shield Layer 1
Shield Layer 2
Jacket Material
Jacket Diameter

One Time Minimum Bend Radius

RG223 50 Ohms Solid Copper, Silver PE

Silver Plated Copper Braid Silver Plated Copper Braid

PVC, Black

2

0.21 in [5.33 mm]

1 in [25.4 mm]



## **Configuration:**

- SMA Male
- SMA Male Reverse Polarity
- RG223

#### Features:

- 66% Phase Velocity
- Double Shielded
- PVC Jacket

## **Applications:**

- General Purpose
- Laboratory Use

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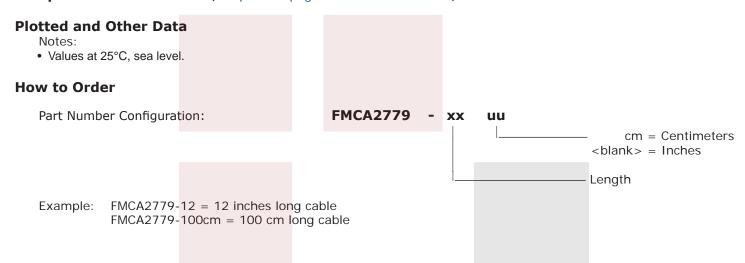




#### **Connectors**

Description	Description Connector 1	
Туре	SMA Male	SMA Male
Polarity		Reverse Polarity
Specification	MIL-STD-348A	
Impedance	50 Ohms	50 Ohms
Contact Material & Plating	Brass, Gold	Gold
Contact Plating Spec.	50µ in. minimum	l
Dielectric Type	Teflon	PTFE
Body Material & Plating	Brass, Nickel	Brass, Nickel
Body Plating Spec.	100µ in. minimun	า
Coupling Nut Material & Pla	ating	Brass, Nickel
Hex Size	5/16 in	5/16 in.
Torque	5 in-lbs 0.57 Nm	n 5 in-lbs 0.57 Nm

**Compliance Certifications** (see product page for current document)



SMA Male to Reverse Polarity SMA Male Cable in 50 CM Length Using RG223 Coax from Fairview Microwave has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99% availability and are part of the broadest selection in the industry.

Click the following link to obtain additional part information: SMA Male to Reverse Polarity SMA Male Cable in 50 CM Length Using RG223 Coax FMCA2779-50CM

URL: https://www.fairviewmicrowave.com/sma-male-to-rp-sma-male-cable-rg223-coax-in-50-cm-and-rohs-fmca2779-50cm-p.aspx

The information contained in this document is accurate to the best of our knowledge and representative of the part described herein. It may be necessary to make modifications to the part and/or the documentation of the part, in order to implement improvements. Fairview Microwave reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. Fairview Microwave does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and Fairview Microwave does not assume any liability arising out of the use of any part or documentation.

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